# MDR-RF815RK

# SERVICE MANUAL

*AEP Model*
*UK Model*

**Ver 1.0 2000. 06**

MDR-RF815RK is composed of the following models. As for the service manual it is issued for each component model, then please refer to it.

**COMPONENT MODEL NAME FOR MDR-RF815RK**

| | |
|---|---|
| Headphones | MDR-RF815R |
| Transmitter | TMR-RF815R |

**PARTS LIST**

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

| Ref. No. | Part No. | Description | Remarks |
|---|---|---|---|
| | | ACCESSORIES & PACKING MATERIALS | |
| | | ********** | |
| ⚠ | 1-465-948-11 | ADAPTOR, AC (AC-S901K)(AEP) | |
| ⚠ | 1-473-590-11 | ADAPTOR, AC (AC-S901) (UK) | |
| ⚠ | 1-473-606-11 | ADAPTOR, PLUG | |
| ⚠ | 1-476-179-11 | ADAPTOR, AC (AC-S9010) (AEP) | |
| | 1-559-906-32 | CORD, CONNECTION | |
| | 3-222-708-11 | MANUAL,INSTRUCTION (ENGLISH)(AEP,UK) | |
| | 3-222-708-21 | MANUAL,INSTRUCTION (FRENNCH,GERMAN,SPANISH,DUTCH,ITALIAN, PORUTGUESE) (AEP) | |

## SPECIFICATIONS

**General**

| | |
|---|---|
| Carrier frequency | 863.5 – 864.5 MHz |
| Channel | Ch1, Ch2, Ch3 |
| Modulation | FM stereo |
| Frequency response | 20 – 20,000 Hz |

**Transmitter TMR-RF815R**

| | |
|---|---|
| Power source | DC 9 V: supplied AC power adaptor |
| Audio input | phono jacks/stereo mini jack |
| Dimensions | Approx. 150 mm dia × 108 mm ($6 \times 4\ ^{1}/_{3}$ in.) (w/h) |
| Mass | Approx. 190 g (6.2 oz.) |

**Headphones MDR-RF815R**

| | |
|---|---|
| Power source | DC 2.4 V: Built-in rechargeable battery |
| Mass | Approx. 240 g (8.1 oz.) incl. built-in rechargeable battery |

**Built-in Ni-Cd rechargeable battery**

| | |
|---|---|
| Model name | NC-AA |
| Voltage | 1.2 V |
| Capacity | 700 mAh |

**Optional accessory**

| | |
|---|---|
| Plug adaptor | PC-236HG (stereo mini jack ↔ monaural mini plug) |

Design and specifications are subject to change without notice.

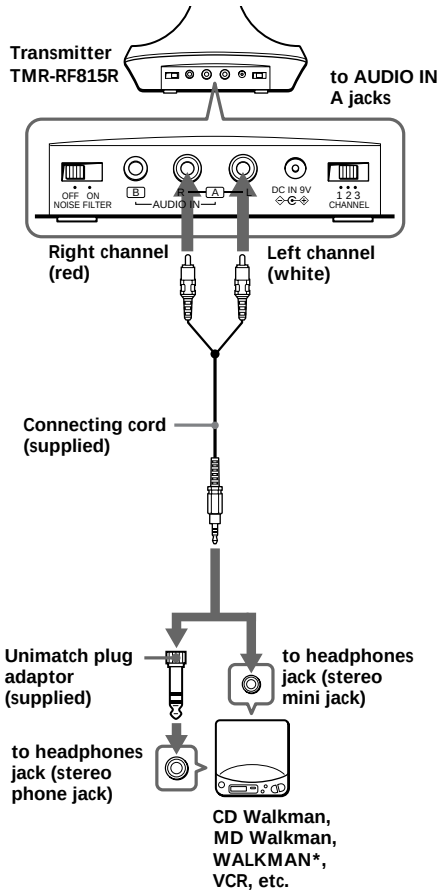
## WIRELESS STEREO HEADPHONE SYSYTEM

SONY®

# Setting up the transmitter

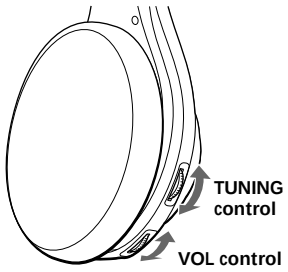
**1** Connect the transmitter to audio / video equipment. Select one of the hookups below depending on the jack type:

Ⓐ To connect to a headphones jack



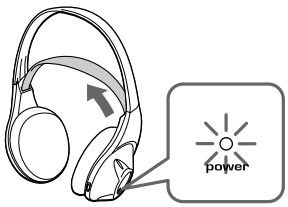

**5**-Ⓑ Turn up the volume to a moderate level with the VOL control, then tune the headphones in to the frequency of the transmitter with the TUNING control until you can hear the audio signal loud and clear.

Ⓑ **MDR-RF815R**




**Auto power on/off function**

When you remove the headphones from your head, the power turns off automatically. Do no allow the self adjusting band to be pulled up, otherwise the headphones will be switched on.




**The power turns on.**



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